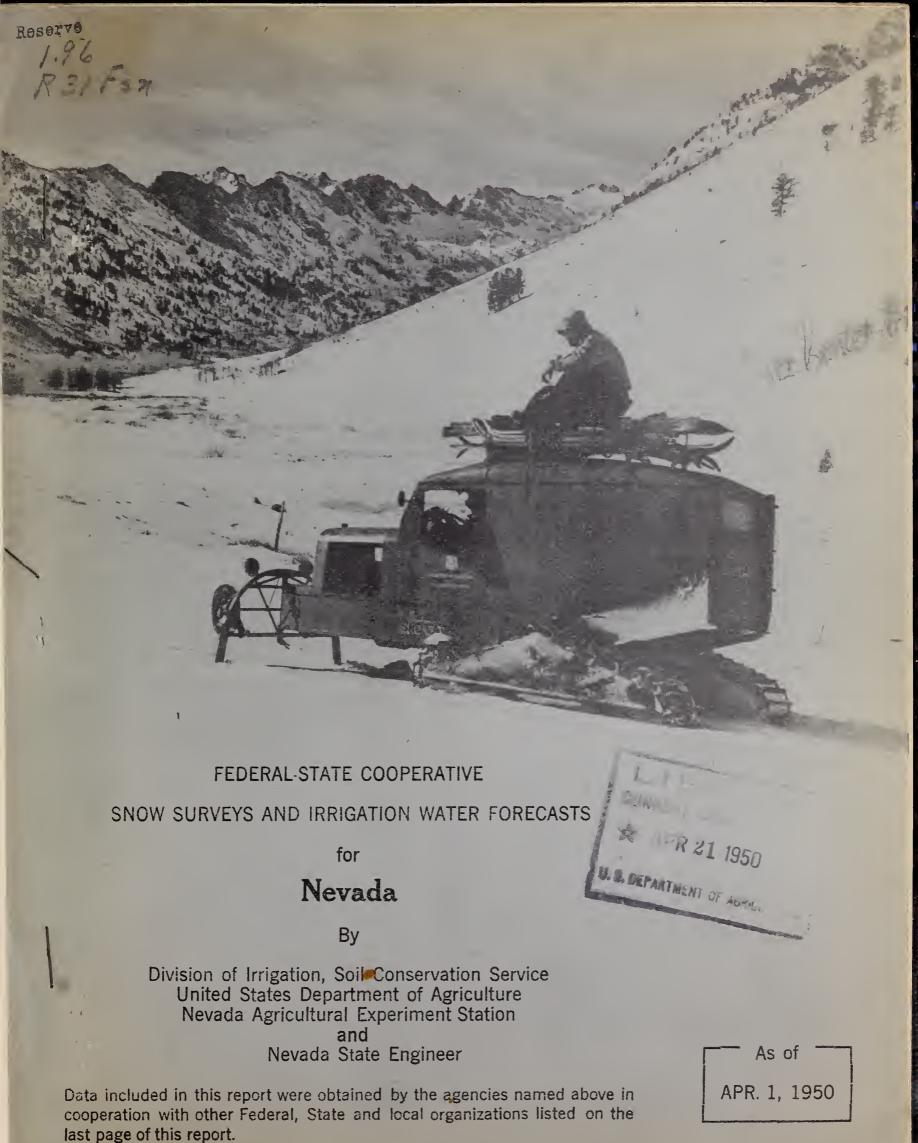
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.







FEDERAL-STATE COOPERATIVE SNOW SURVEYS AND IRRIGATION WATER FORECASTS

FOR

NEVADA

Report Prepared

by

Clyde Houston, Irrigation Engineer
Division of Irrigation
Soil Conservation Service

Division of Irrigation
Soil Conservation Service
Nevada Agricultural Experiment Station
Reno, Nevada

INDEX TO SNOW COURSES

NUMBER	RS NAME	ELEVATION	NUMBERS	NAME	ELEVATION	NUMBERS	NAME	ELEVATION
	SNAKE RIVER			TRUCKEE BASIN			CARSON BASIN	
2. 4. 5.	Bear Creek	. 6,800 . 7,100 . 6,600	2.(Cal. 3.(Cal. 4.(Cal. 5.(Cal. 6.(Cal.) Granite Peak) Independence) Webber Peak) Donner Summi) Ward Creek) Webber Lake) Sage Hen Cre	Lake 8,450 8,000 6,900 7,000 7,000	2.(Cal.) 3.(Cal.) NOR	Carson Fass. Foison Flat. Flue Lakes. THERN GREAT BA Mountain Ster Peak	7,900 8,000 ASIN 6,720
2. 3. 4. 5. 6. 7. 8. 9.	Lower Buckskin Upper Buckskin Martin Creek Granite Peak Gold Creek Big Bend	. 7,200 . 6,700 . 7,800 . 6,600 . 6,700 . 6,700 . 6,800	9.(Cal. 10.(Jal. 11.(Jal. 12.(Cal. 13.(Cal. 14.(Cal. 15.(Cal.) Truckee Rang	6,400 6 Creek 6,300 7 5,900 7 6,600 8 6,500 8 6,750 9,000	1.(Cal.) 2.(Cal.) 3.(Cal.) 4.(Cal.) 5.(Cal.) 6.(Cal.) 7.(Cal.)	WALKER BASIN Center Mounta Sonora Pass. Buckeye Forks Virginia Lake Willow Flat. Buckeye Rough Leavitt Meado Tioga Pass.	8,600 8 8,500 8 9,500 8,250 18 7,900 19 7,200
11.	Tremewan Ranch Taylor Canyon UPPER HUMBOLDT RIV	• 5,700 • 6,200	19. 20.) Donner Lake. Big Meadows.	5 5,950 5 8,800 6 6,300	2.(Cal.)	TAHOE BASIN Lake Lucille Rubicon #1 • Hagans Meadow	8,100
2. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Bear Creek	. 6,800 . 7,100 . 6,600 . 6,700 . 6,700 . 6,800 . 6,800 . 7,250 . 5,700 . 6,200 . 6,900	1. Rai 2. Kyl 3. Lee 4. Lee 5. Rai 6. Mic 7. Dud 8. Mat	nbow Canyon c Canyon #1 Canyon #2 nbow Canyon #2 a Notch Springs hew Canyon c Canyon EASTERN NEVAL	7,800 8,200 6,300 9,000 6,000 6,000 6,000	4.(Cal.) 5.(Cal.) 7.(Cal.) 8.(Cal.) 9.(Cal.) 10.(Cal.) 11.(Cal.)	Freel Bench. Ward Creek. Upper Truckee Tahoe City. Rubicon #2. Rubicon #3. Richardsons # Echo Summit. Marlette Lake Daggetts Fass Glenbrock #2 Mt. Rose.	7,300 7,000 6,400 6,250 7,500 6,700 42 6,500 7,500 8,000 7,350 6,900
15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.	Upper Trout Creek. Dorsey Basin Ryan Ranch Dry Creek Lamoille #1 Lamoille #2 Lamoille #3 Lamoille #4 Lamoille #5 Green Mountain Harrison Pass #1 . Harrison Pass #2 .	. 8,100 . 5,800 . 6,500 . 7,100 . 7,300 . 7,700 . 8,000 . 8,700 . 8,000 . 6,600 . 7,400	2. Hag 3. Mur 4. Bak 5. Bak 6. Bak 7. Ber 8. Bir	re Creek	 8,500 7,250 7,950 8,950 9,250 9,100 7,500 	1. 2. 3.(Cal.) 4.(Cal.) 5.(Cal.) 6.(Cal.) 7.(Cal.)	Clark Canyon. Trough Spring McAfee Forks. Roberts Ranch Goat Springs. Sage Hen Flat Ranger Static White Mountai	9,000 5. 5,500 7,500 8,300 10,300 5. 10,500 9,500
26.	Corral Canyon	8,500	2. Upp 3. Mar 4. Gra 5. Lam 6. Mid 7. Big 8. Big 9. Upp 10. Low	er Buckskin • er Buckskin • tin Creek • nite Peak • ance Creek • as • • • Creek Camp Gr Creek Mine • er Big Creek• er Corral • er Corral •	7,200 6,700 7,800 6,600 7,200 7,000 8,000 7,500			

WATER SUPPLY OUTLOOK

NEVADA

AFRIL 1, 1950

Snow stored water in the Sierra is quite heavy at the higher elevations but much of the low snow has melted. Low snow in the Humboldt Basin has melted and high snow ranges from slightly below normal to slightly above. Snow cover in Central and Eastern Nevada ranges from very little on Upper Reese River to slightly below normal in White Fine County. Southern Nevada contains the poorest snow cover since the beginning of records.

U. S. Geological Survey reports water levels in major groundwater areas higher than last year, but still below normal. They report early season runoff normal or slightly above. Soil moisture is high with much of the valley and foothill areas saturated.

Reservoir storage on April 1, 1950, was about 10 per cent greater than last year but still only 50 per cent of the last 10 year average and only 40 per cent of capacity.

				(37 (77)					
Forecast Stream I	Porecast	1939-48	1950 as %	1901-45	and the second s	Measu	red Ru		-
	1950	Average	10 yr.Avg	• Normal	45yr.Norm	. 1949	1948	1947	
Owyhee River nr. Owyhee, Nev.	90	77	117	80	113	106	53	32	
Lamoille Crk.nr. Lamoille, Nev.	33	28	118	30	110	print data strong	25	26	
So. Fk. Humboldt nr. Elko, Nev.	70	85	82	70	100	69	45	44	
Humboldt River at Palisade, Nev.	200	238	. 81	200	100	200	104	94	
Martin Crk. nr. Paradise, Nev.	13	15	87	20	65	13	13	7	
East Walker nr. Bridgeport, Calif.	2 62	60	103	75	83	39	. 31	31	
West Walker nr. Coleville, Calif.	150	147	102	175	86	117	109	104	
East Carson nr. Gærdnerville, Nev.	240	182	132	210	114	165	151	121	
West Carson at Woodfords, Calif.	66	52	127	65	102	43	45	35	
Carson River nr. Carson City, Nev.	220	175	126	200	110	147	131	93	
Carson River at Ft.Churchill, Nev.	200	156	130	195	103	128	113	79	
Lake Tahoe4 Rise 5	452 1.75	580 1.33	78 132	583 1.55	78 113	318 1.08	465 1.59	611 0.61	
Truckee River at Farad, Calif. 3	294	235	125	290	101	182	211	127	-

^{1.} Corrected for storage in Wildhorse Reservoir.

Tahoe and Truckee Forecasts by Truckee Basin Water Committee.

^{2.} For period April through August corrected for storage in Bridgeport Reservoir.

^{3.} Exclusive of Tahoe and corrected for storage in Donner, Independence, and Boca Reservoirs.

^{4.} Maximum storage with gates closed.

^{5.} Maximum rise, in feet, from April 1, assuming gates closed.

		* · · · · · · · · · · · · · · · · · · ·	·			· · · · · · · · · · · · ·	
8.3	All Mark				٠.		
	w	٠.					
							n nena e secon Vivil van
	1					\$.	
٠,							
	ŸŢ						in the second of
		•		£ 7		3. C	
				•			
:					23.3		
						*	
618 19.	e e e		 • · · •		operated as a second		By S. B.

The second secon

STREATFLOW FORECASTS AFRIL 1, 1950

Snake River Basin in Nevada

Snow stored water above Salmon Falls Creek and Bruneau River is about 85 per cent of last year but 125 per cent of average.

Owyhee River near Owyhee, Nevada, is forecast to flow 90,000 acre feet from April through July. This is about 90 per cent of last year but 113 per cent of normal. Wildhorse reservoir with a capacity of 33,000 acre feet stored 19,000 acre feet on April 1. This reservoir should fill in 1950.

Upper Humboldt Basia

Snow water on the headwaters of Marys River is about 120 per cent of normal while that on the North Fork, Susie and Maggie Gracks is about 80 per cent of normal and only 50 per cent of last year.

In the Trout Creek - Secret Valley area of the Ruby Mountains practically all low snow is gone. High snow is about 75 per cent of rormal and of last year.

The April - July forecast for Lamoille Creek is 33,000 acre feet or 110 per cent of normal. South Fork of Humboldt near Elko should flow 70,000 acre feet, which is normal and about the same as last year.

Humboldt River at Palisade should flow 200,000 acre feet. This is the long time normal flow for the irrigation season and the same as was measured last year.

U. S. Geological Survey reports the cumulative discharge since October 1, 1949, is 118 per cent of the median.

. 0

Lower Humboldt Basin

Snow stored water on the headwaters of Little Humboldt Basin is about the same as last year although practically all low snow had melted. The April - July flow of Martin Creek measured near Paradise Valley should be approximately 13,000 acre feet or the same as in 1949.

Most of the snow on Rock Creek has melted and contributed water to Humboldt River. In the vicinity of Midas soil moisture is very high denoting good range conditions this spring.

On the Upper Reese River Watershed four of the five snow courses were bare for the first time on record.

Rye Patch Reservoir contained 55,000 acre feet on April 1, which is 10,000 less than last year at this time and only 30 and 32 per cent of capacity and average respectively for this date.

Northern Great Basin

Snow water contributing to Quinn River and McDermitt Creek is above normal but not as great as last year. Soil moisture is high and much of the existing snow pack will contribute to streamflow.

Eastern Nevada

Snow water above the south end of Ruby Valley is above normal while that at the north end of the Valley is below.

Baker and Lehman Creeks snow cover, while only 40 per cent of last year, is about 80 per cent of normal.

BPIT BLUE OF THE CONTROL OF STANDARD STANDARDS AND ADMINISTRATION OF STANDARD STANDARDS AND ADMINISTRATION OF STANDARD ADMINISTRATION OF STANDARD ADMINISTRATION OF STANDARD ADMINISTRATION OF STANDARD AND ADMINISTRATION OF STANDARD ADMINISTRATION O

And the second s

And the same with the same and the

The second section of the second second section is a second section of the second section of the second section section sections and section section sections are sections.

The second of th

The low snow on Duck Creek, east of Mc Gill, is gone, but high snow is about average for this date.

The watershed above Ely, Nevada, contained only a trace of snow this year whereas last year there was fear of floods from the expected snow melt.

Central Great Basin

In general, this area contains below normal snow cover. The snow line on the White Mountains west of Fish Lake Valley is at about 9,000 feet while last year at this time it was at approximately 7,000 feet.

Snow on the Spring Mountains above Pahrump Valley was only 10 per cent of last year and 25 per cent of average on this date.

Lower Colorado River in Nevada

Snow water in the Mount Charleston area near Las Vegas is near an all time low for this date. This year was only 30 per cent of last and 50 per cent of normal.

Last years flood potential snow pack on Meadow Valley Wash was not duplicated this year as practically all snow was gone after the first of March.

Lake Mead contains about the same storage as last year at this time which is approximately 65 per cent of capacity.

Walker Basin

East Walker River near Bridgeport is forecast to flow 62,000 acre feet during April through August. This is about 23,000 acre feet greater than last year but only 83 per cent of normal. Bridgeport Reservoir contained 20,000 acre feet on April 1, which is the same as was stored last year but only 50 per cent of capacity.

A STATE OF THE PARTY OF THE PAR

To the state of th

The soften service of the soft The Addition American consideration

Same of the last of the model to the last of the last

Alto NALICON SALES AND SAL

Land and the constant was selected to the constant of the cons

April through July flow of West Walker near Coleville is forecast at 150,000 acre feet compared to 86,000 last year and 175,000 as the long time normal. Topaz Reservoir stored 24,000 acre feet this year which is slightly more than last years 22,000 but less than the capacity of 59,000 acre feet.

Carson Basin

East Carson River near Gardnerville should flow about 240,000 acre feet which is 115 per cent of normal and greater than 165,000 as measured last year. It is anticipated that the flow of the River will remain greater than 200 cubic feet per second until the last full week in July.

West Carson near Woodfords, is forecast to flow 66,000 acre feet from April through July, compared to last years 43,000 and a long time normal of 65,000 acre feet.

Flow at Fort Churchill should be about 200,000 acre feet which is about twice that of last year and about normal for the period.

Lahontan Reservoir with a capacity of 286,000 acre feet stored 190,000 on April 1, compared to 197,000 last year. Under normal snow melt conditions this Reservoir should fill in 1950.

Tahoe Basin

On April 1, Lake Tahoe stored 222,000 acre feet. This is about 40,000 more than at this time last year but still below the capacity of 750,000 acre feet.

Truckee Basin Water Committee forecasts a maximum storage, assuming normal weather conditions and gates closed, of 452,000 acre feet. This represents a rise of 1.75 feet from the April 1 elevation of 6224.80 feet, or 113 per cent of the normal rise in the Lake.

A transfer •

Truckee Basin

Truckee Basin Water Committee anticipates the filling of Donner, Independence and Boca Reservoirs from water presently stored in snow in the Basins. Their forecast for the April through July flow of Truckee River at Farad is 294,000 acre feet or slightly more than normal, and about 60 per cent greater than last year.

The state of the s

STATUS OF RESERVOIR STORAGE, AFRIL 1, 1950

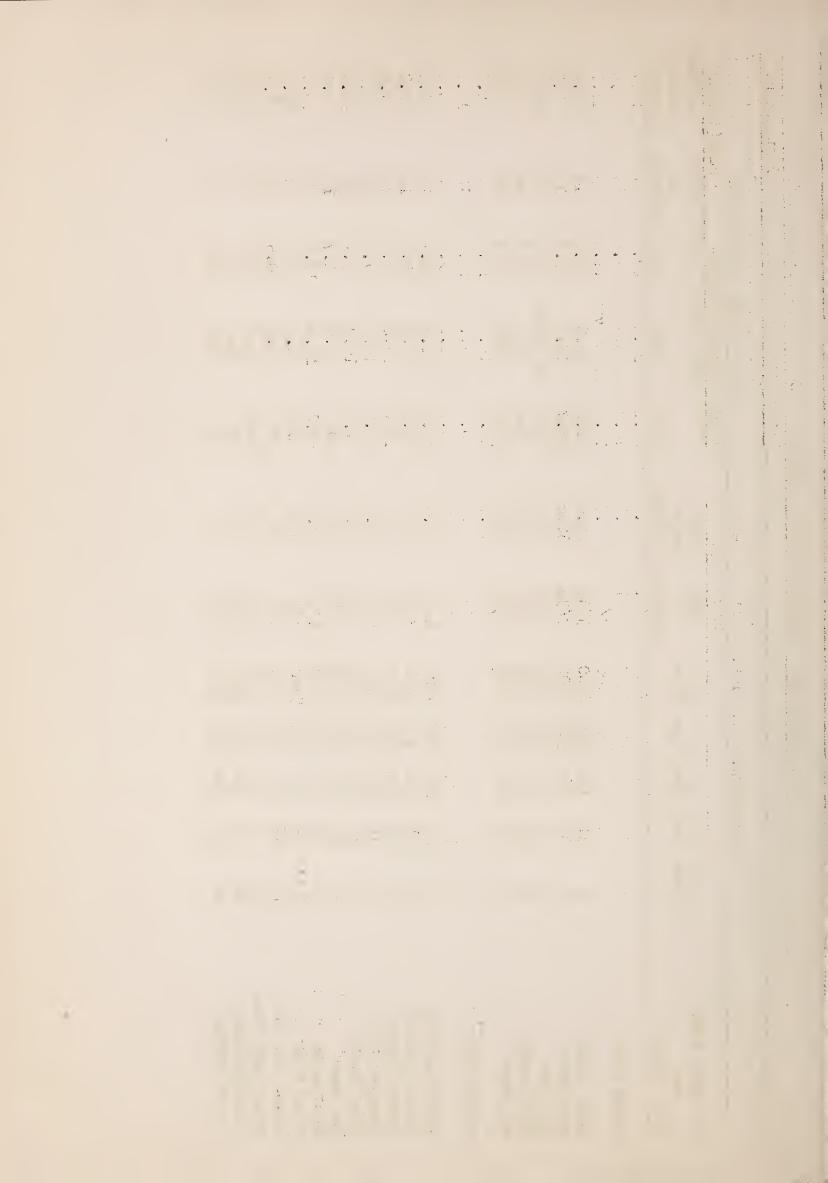
BASIN and STRE	IAM RESERVOIR	USABLE CAPACITY (THOUS. A.F.)	THOUS ANI 1950	DS ACRE	FEET IN	STORAGE	ABOUT AFR.1 10-yr.avg. 1939-1948
Owyhee	Vildhorse	33	19	6	6	19	16
Lower Humboldt	Rye Patch	178	55	65	120	186	. 170 ^a
Tahoe	Tahoe	750	222	183	268	534	498
Carson	Lahontan	286	190	197	189	246	245
West Walker	Topaz	59	24	22	25	52	47
East Walker	Bridgeport	42	20	20	24	44	39
Colorado	Davis	1810	207	New	Rese	rvoir	
Colorado	Me ad	27,217	17,686	17,735	18,620	16,383	19,397

a - Average for years 1943 - 1948

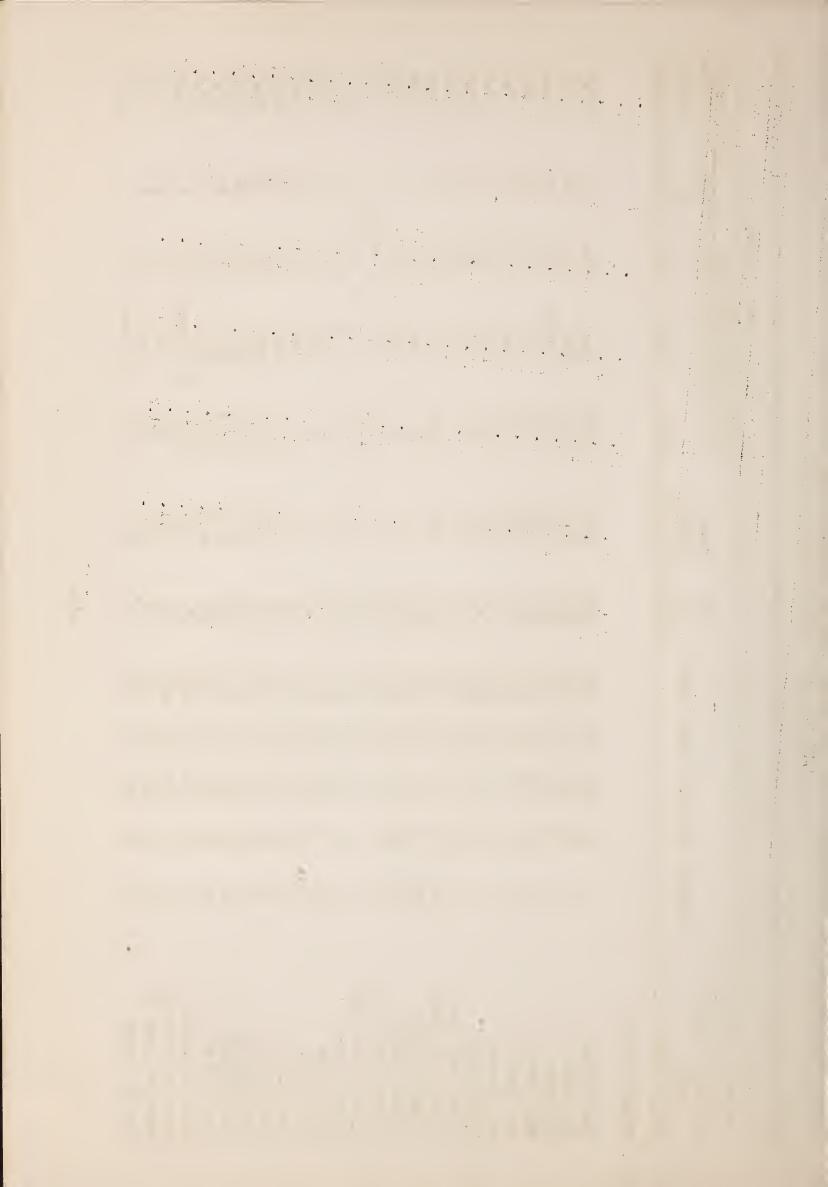
	magnitude of the state of P.C.						
a na				•			
and the same of th							
	The state of the s	Car an age of the car					•
	W						Age of the
						# 1 th	
\$ 110		· *					
			.		• •		
9. 3		340	V	• .		υ,	
		÷				de la companya della companya della companya de la companya della	1994 (n. 1971)
	**************************************			11 -	÷		A STATE OF THE
						<u> </u>	u men i
	en er get			~ ~ .		and the second	

the second of th

		LOCATION	TON						SNOW COVER	LEASUREHENTS	KENTS	
DRAINAGE BASIN and SNOW COURSE	Number	Sec	Twp.	R.ge	Sec. Twp. Rge. Elev.	Date of Survey	Snow Depth (inches)	1950	Same Approx. Da 1949	c. Date	Years Of Record (Av.Water Content (inches)
SNAKE RIVER												
Bear Creek Fox Creek 76 Creek Gold Creek Big Bend	のどけっち	4 % % % % % % % % % % % % % % % % % % %	76N 76N 76N 76N 76N	7,58 2,58 2,58 2,58 2,58 2,58 2,58 2,58 2	7800 6800 7100 6600 6700	3/30	66.6 28.1 52.7 24.6 36.8	23.1 10.3 16.8 8.2	24.4 13.9 No Survey 9.5 15.2	20.02	13 10 22	19.9 8.5 11.1 6.2
O"YHEE RIVER												
Lower Buckskin Upper Buckskin Martin Creek Gramite Peak Gold Creek Big Bend Fry Canyon Rodeo Flat Lower Jack Creek Upper Jack Creek Tremewan Ranch	いているようなできって	3700 1887 1887 1887 1887 1887 1887 1887 1	145N 145N 145N 145N 145N 145N 145N 145N	339 339 339 339 339 339 339 339 339 339	6700 7200 6700 7800 6600 6700 6800 7250 5700	するとなっては、これでは、これを、これを、これを、これを、これを、これを、これを、これを、これを、これを	22.7 24.6 24.6 24.6 24.6 26.6 26.6 26.6 26.6	10.1 8.6 11.9 12.7 12.7 10.2	1 0 0 0 0 0 0 0 1 1 1 1 2 0 0 0 0 0 0 0	000110000111000000000000000000000000000	55000000000000000000000000000000000000	11 8.3 10.0 10.0 10.0 10.0 10.0 10.0



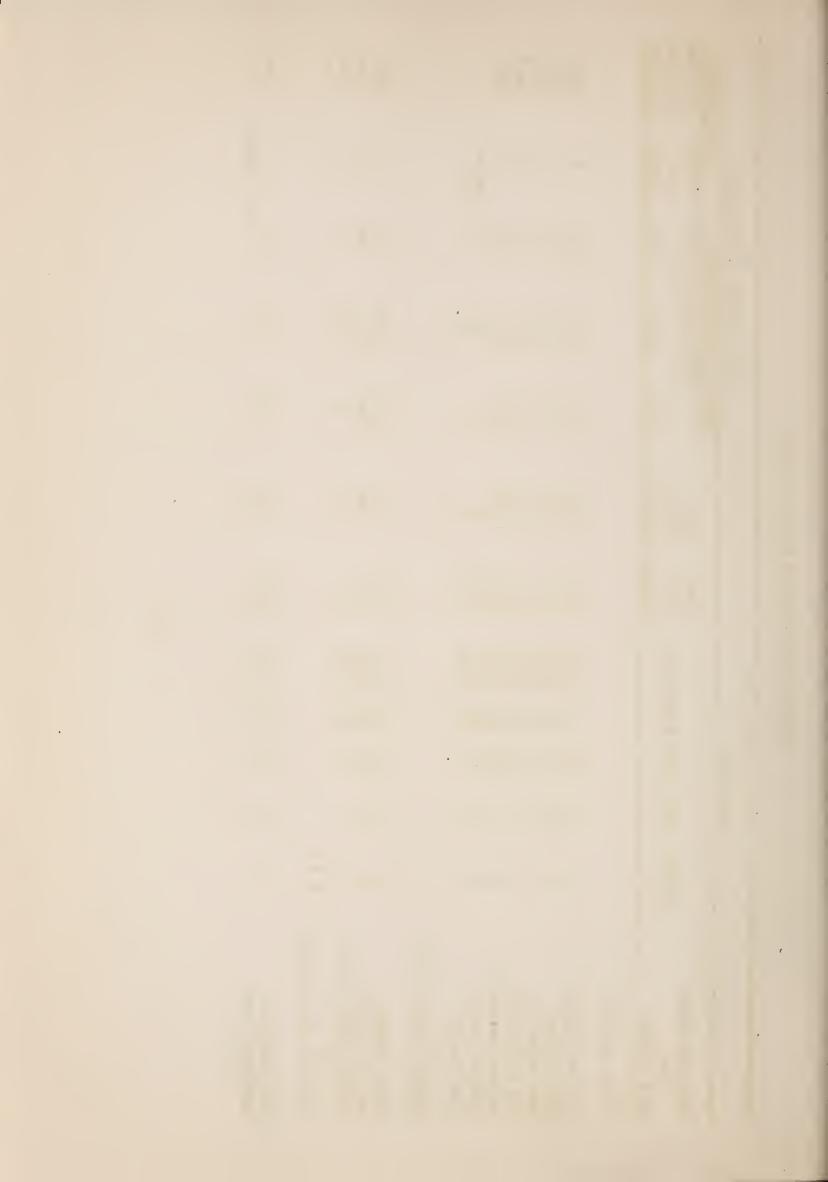
		LOCA	LOCATION						SNOW COVER	LEAS URELENTS	ENTS	
								Water	ent((inches)	Past	,
DRAINAGE BASIN	2	((() ()	٥	Date	Snow Denth	נט	Same Approx.	. Date	Years	Av. Water
and SNOW COURSE	Number	o o o	• d _M +	v Sign	• ^ = 7 = 7	Survey	(inches)	1950	1949	1948	Record	(inches)
UPPER HULBOLDT												
Bear Creek	М	31	16N	58E	7800	3/31	9.99	23.0	24.4	20.0	2	19.9
Fox Creek	2	33	16N	58周	9800	3/31	30.2	11.0	13.9	2.6	13	യ
76 Creek	7	9	11/1N	58五	7100	3/59	52.7	16.8	No Survey	11.3	Μ	1.1
Gold Creek	ソン	31	15N	55年	0099	3/30	24.6	8,2	o' เบ้	νν ω	10	6.2
Big Bend	9	30	45N	56 E	0029	3/30	36.8	12.7	15.2	۳ ش	22	9.3
Fry Canyon	7	31	43N	5年	00/9	7/7	24.2	8.8	15.0	200	0	9.5
Rodeo Flat	ω	36	43N	53E	6800	1/1	21.6	7.8	16.2	9.1	6	10.0
Lower Jack Creek	6	18	42N	53E	9089	11/2		0	t- 2	4.7	13	4.3
Upper Jack Creek	10	٥\	12N	53 国	7250	1/5	28.4	10.2	14.3	11.6	0	10.6
Tremewan Ranch	11	6	39N	りが正	2,100	3/30	0	0	9.4	0	Φ	9.0
Taylor Canyon	12	35	39N	53年	6200	7/1	0	0	ω ω	\sim		3.9
Lower Trout Creek	13	28	37N	61E	0069	3/31	7.8	L.7	7.0	No Survey	>	3.2
Upper Trout Creek	177		36N	61月	8500	3/31	63.3	24.4	28.8	No Survey		29.8
Dorsey Basin	r L	28	35N	60 E	8100	1/2	34.5	11.3	18.4	11.9	Φ.	16.4
Ryan Ranch	16	~	34N	595	5800	1/2	0	ó	2.0	0	ထ	0.7
~~	17	N	34N	60月	6500	1/2	0	0	ထ	ص ص	∞	4.4
	18	15	32N	58压	7100	1/5/	31,2	12,7	12.4	11.2	18	10.0
	13	17	32N	58回	7300	1/5	33.2	13.6	13.0	12,1	27	10.5
Lamoille #3	20	24	32N	58日	7700	1/5	45,1	19.0	18,2	15.2	15	13.4
	21	19	32N	59日	8000	1/2	56,3	23.3	24.0	20.7	6	19.7
Lamoille #5	22	31	32N	59E	8700	9/4	86.5	37.6	29.4	24.4	12	27.0
ıntair	23	23	29N	57正	8000	1/17	7.0	15.4	No Survey	14.1	7	174.0
	57	6	28N	57E	0099	1/1	7.2	7.7	0.6	5. 5.	13	77
on Pass	252	16	28N	57臣	2400	4/1	11.44	2.8	$\overline{}$	7.1	Φ	2.0
Corral Canyon	. 26	27	28N	57E	8500	14/3	62.4	21.2	No Survey	17.5	7	19.5



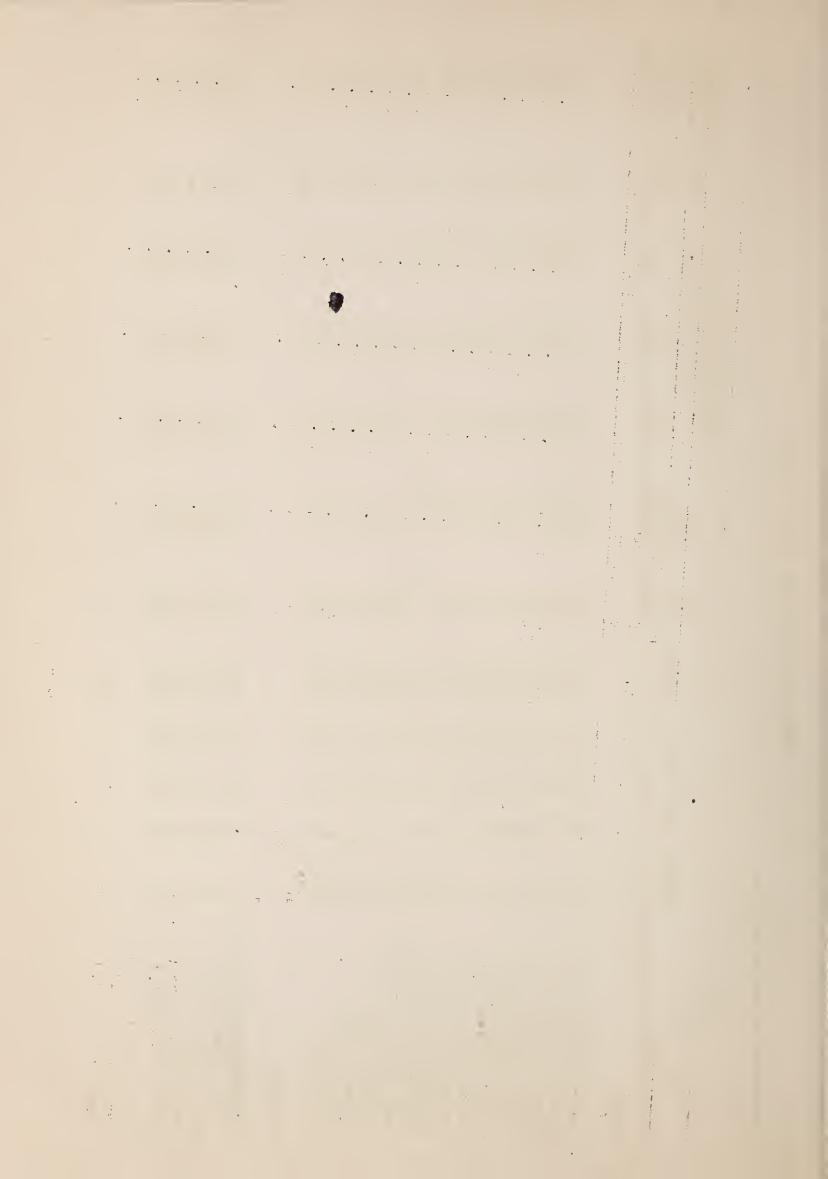
DRAINAGE BASIN and SNOW COURSE LOWER HUMBOLDT Lower Buckskin Upper Buckskin Martin Creek 3 18	c. Twp.						. / ' - ~	7000	4000	
HUMBOLDT Buckskin 2 Buckskin 2 n Creek 3		Rge.	Elev.	Date of Survey	Snow Depth (inches)	Water 1950	Content (inches) Same Approx. Date 1949 1948	ox. Date	Years of Record	Record Av.Water Content (inches)
Buckskin 1 Buckskin 2 1 Creek 3										
Creek 3		39E 39E	6700	17/17	22.7	10.1	14.2	10.2	9	8.3
Peak 4	2 14N		6700 7800	14/6 14/5	24.4	8.7	න හ ව වැ	9.7	10	3 ri
Creek 5			6600	2/1/2/1/2/1/2/1/2/1/2/2/2/2/2/2/2/2/2/2	25.6	6.6	11.9	N 1	νo.	7.1
reek Camp Ground 7 reek Mine 8			0000	14/2	00	00	らなって	ww run	ထ ထ	2.4
			8000 7500 8500	1 1 5 1 1 5 1 1 1 5	12.8 0 0	700	10.3	10.7	ಐ ೮ ೮	0 0 0 0 0 0
EASTERN NEVADA										
Cave Creek 1 25 Hager Canyon 2 34		57E 57E	7500 8500	3/31	53.8	19.8	254.2	14.5	000	14.6
17 th	13N		7950	3/31	0 77 77 77 77 77 77 77 77 77 77 77 77 77	13.9	20.02	8.9 17.71	¹ ဆ ထ	1000
#3 6			9250	3/31	14.8	14.3	20° c	17.0	ထင	19.9
sk 8			7500	1/1	0	0.0	7.3	7°77 0°8	2 2	7.5
Robinson Summit 9 23 Kimberly 10 18	3 18N 3 16N	61E 62E	0092	1/1	00	00	Mew	Course		

		j m., 6 	; *	•		*	•	1	1	Sa	, 4 *	12		•	or or	di di mg	и : • • •		\$1.00 \$1.00	
			\$27	t t	7.	٠	Say.			60		er.		÷	et je	75.7°	ţi.		÷ .	
1.1		* .	60 To -	A CONTRACTOR	\$	pr ()	\$ ** *	See of the	ik k	•	**************************************	A second	1-2		i. N	•	# 17 # 17	¥,	0.00	
5		•	277 ★ 3674		: : : : : : : : : : : : : : : : : : : :	<i>P</i>) /*.	. . 1 •	\$ 2 \$ 2 1,14 1,14 1,15	7 . M	177	179. 14.4	P	ż.	***	1. 4. 3. 3. \$117.		* * * :	\$ • 2000	en in
eu e	£',	in the second se	*	· · · · · · · · · · · · · · · · · · ·		12	÷		entre ▼ Veri			Bridge Bridge Bridge	T	.3	* 151	46	geri e gerigi geogr	•	•	Sec.
		(the superior	X*	100 miles			*, \$	• · · · · · · · · · · · · · · · · · · ·	Survey of the su	47	٠.	e 2			٠.			•	10 10 10 10 10 10	* ************************************
(# er)		10 أسير	general Same	dia J ^{eo} ri L ^{eo} ri L ^{eo} ri		Access Mary	tre y Santa			F.,			Sull Sulland S	nga pang	le.	100 m	ž.		e e	May Server
				9	À.															À
				j. Ž																
./-	17		1.0		Section 1995														٠.	
	14 1, **	14													a d				: .	
٠.,										Tq.	19									

		LOCA	LOCATION					01	SNOW COVER	RIMEASUREMENTS	MENTS	
DRAINAGE BASIN						Date	Snow	Water (Water Content(inches) Same Approx.Date	nches) x.Date	Past Years	Past Record rs Av.Water
and SNOW COURSE	Number	သူဓင	Twp.	Rge.	Sec. Twp. Rge. Elev.	of Swrvey	Depth (inches)	1950	1949	1948	of Record	(inches)
LOWER COLORADO												
Rainbow Canvon	Ч	31	195	57E	7800	3/29	25.6	4.6	17.1	12.6	6	14.6
Kyle Canyon	2	58	198	56E	8200	3/29	12.8	5.7	16.3	10.5	ω	11.9
Lee Canyon #1	m	10	198	56E	6300	1/1	7. 8	o, m.	18.7	7.6	0,1	11.0
Lee Canyon #2	7	0	198	26月	9000	3/30	14.6	7-17	20.3	ල ස -	Φ :	12.8
Rainbow Canyon #2	ኒ/ ዕ	9 !	20S	5阳	8100	3/29	ာ ထက်	E V	20°0	3. 17.	ر ا	15.9
Mathew Canyon Pine Canyon	∞ v	##	55	70E	6200	3/24	00	00	0 0 0 4	nem:	Course	
יירי ביי מייינים												
CENTRAL GREAT BASIN												
Clark Canyon	Н	8	198	56 E	0006	3/30	7.6	3.9	18.0	8.1	ν .	10.8
Trough Springs McAfee Forks (Cal.)	0 m	23	185 LS	55E 3上三	8500 7500	14/2 17/1	۱. 0	٥ • •	14 14 10 10 10 10 10 10 10 10 10 10 10 10 10	7.2	7 C	~ ~ ~ &
	`	I)	}		l F)	1	\ \	•	i	
NORTHERN GREAT BASIN								X.				
Bald Mountain	П	17	45N	21E	6720	3/30	6.2	2.3	9.1	2.2	10	3.0
Disaster Peak	0	18	71 NZ	3年	6500	14/2	19.5	7.2	74.4	Ne	New Course	



	Record	Av. Mater	Content (inches)	(Tiches)		56.2	45.4	16.7	10.3	44.5	7-1	13.1	28.7	20.0	15.0	33.4	22.9	13.2	14.2	31.1					44.5	
iBi TS	Pest.	I.e ex.	Of	necora		36	34	32	20	37	20	39	31	10	9	10	33	37	သ	악		13	28	39	37	7
LEAS UR UNEILLE	inches)	•Date	3.01.8	1740		43.8	26.1	10.1	6.7	30.9	က္	ب	18. L°	12.4	න රේ	21.5	12.6	6.7	ο •	13.5		24.8	30.0	24.8	0 0° 0° 0° л	C• ZT
SIJOTY COVER	Content(in	Same Approx.Date	0.10	1747		57.9	45.2	22.4	16.2	1,8.2	13.7	22.5	30.8	25. 30.	22°8	37.2	15.0	16.2	14.2	27.9		36.6	43.0	42.0	7°27	0.00
	Water	נט	ر ا	1750		74.6	59.7	27.6	16.3	56.1	13.0	13.7	38.8		25.8	1,6.7	56.9	16.6	10.7	35.3		116.3	42.4	48.2	νς 1. ας 1. ας	4.00
		Snow	Depth	(Inches)		180.8	151,6	78 7.	32.7	123.0	24.7	26.8	82.0	Survey	6.09	103,5	69.5	36.6	46.3	87.5		112.7	116.5	114.8	. 123.0 ol. 8	4
		Date	of	Survey		4/2	ħ/ħ	1/1	1/7	1/7	4/3	1,72	h/h	No	1/7	3,/31	1/1	1/7	1/7	3/31		1/7	3/30	3/28	4/1	2 /
LOCATION			Sec. Twp. Rge. Elev.			28 12N 17E 8400	13N 17E		12N 18E	15N 16E	12W 18E	15N 17E	13M	14N 17E	18E	11N 18E	15N 13E	19 13N 19E 7350	14N 18E	17N			19N	17N 14E	21 15N 10E 7000	The NA
			Number S					~				8) 2	m		رم در م	
		DRAINAGE BASIN	and	SNOW COURSE	TAHOE	Lake Lucille (Cal.)	Rubicon #1 (Cal.)	Hagans Leadow (Cal.)	Freel Bench (Cal.)	ward Creek (Cal.)	Upper Truckee (Cal.)	Tahoe City (Cal.)		Rubicon #3 (Cal.)	ß		Marlette Lake	-	Glenbrook #2	Mt. Rose	TRUCKEE	Independence Lake (Cal.	(Cal.)		Webber Lake (Cal.)	



	TOCI	LOCATION					1	SNOW COVE	SNOW COVER MEASUREMENTS	-	
Number	er Sec.	Twp.	Rge.	Elev.	Date of Survey	Snow Depth (inches)	Water 5	Content(inches) Same Approx.Date 1949 194	x.Date	Pact Tears of Record	Record Av. Nater Content (inches)
(Cal.) 7	7	18M	16E	9200	3/31	56.9	22.8	20.6	₽°9	13	17.8
· တ	9	LY N	17E	6250	14/2	26.8	13.7	22.5	η Γυ	39	13.1
6	22	17W	16E	0079	14/2	1,0.8	16.6	10.9	7.h	20	14.5
Creek (Cal.)10		19N	15E	0089	3/31	39.7	16.8	15.6	4.2	13	12.9
H	28	18N	17E	5900	1/1	11.3	5.4	No	Survey	₽ J	50
,) 12		17N	13E	6600	3/29	122,2	53.8	148.5	28.7	31	43.8
Cal.) 13		181	13臣	9059	3/29	116,3	6.64	9.64	23.0	32	37.9
(Cal.) 14		171	1位	6750	3/28	111.5	46.5	36.3	19.5	21	34.4
Camp (Cal.) 15		19N	15年	2000	4/1	66,8	29.6	25.0	12.1	0	21,1
		17M	19E	0006	3/31	87.5	35.3	27.9	13.5	9	31.1
Sta. (Cal.)17		17N	16E	6000 6000	3/30	32.3	14.8	16.2	6.5	ſΛ	9.2
	177	17N	15距	5950	1/1	58,0	25.7	30.0	12.0	9	20.6
19		18W	18E	8300	3/30	56.0	24.2	18.7	16.7	27	23.1
20		16N	19正	90069	17/2	16.7	υ. Σ•Ω	16.7	2.0.	∞	9.3
Т (22	low	18E	8600	3/29	107.6	44.3	35.4	33.4	20	36.6
) 2	25	8M	21E	2900	3/28	57.0	21.4	20.9	8,3	ω	14.6
m -	유 ;	N6 -	19E	8000	3/30	109.3	42.5	36.3	25.0	E.	35.2
7	10	Tti N	LVE	005/	4/3	30.4	10.4	10.4	New	Course	

. i : . And the second of the second o į is a second seco

,

.

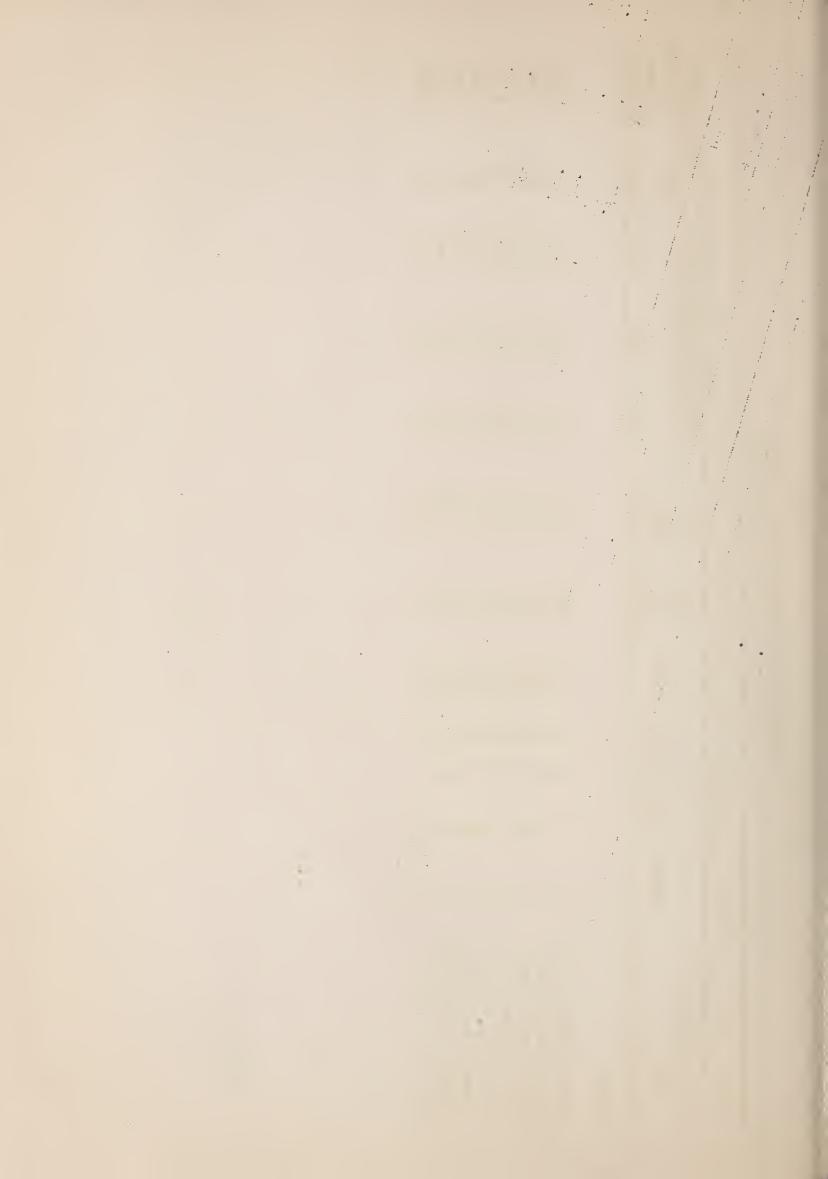
÷

The second second second

į

.

: :



SNOW SURVEYORS

April 1950

E.	Apsley	
	110010,	

V. Arzuaga

D. Bagley

R. Bell

M. Benson

W. Birdsall

M. Bishop

T. Brierley

S. Broyles

A. Chase

J. Church

D. Collings

A. Corta

H. Corta

F. Cowgill

P. Cowgill

E. Dillwith

W. Dillwith

J. Dove

J. Fairbanks

J. Ferguson

A. Frodenberg

C. Gnevo

B. Halliday

E. Hance

M. Hance

H. Hansen

E. Hanson

G. Hart

V. Hart

J. Hess

G. Horton

C. Houston

K. Jones

C. Kassler

J. Kingsley

R. Kushner

A. Lincoln

G. Martin

S. Martin

S. Martin, Jr.

C. Matson

E. McKinnon

E. Moseley

E. Munes

A. Murchie

M. Murphy

E. Murphy, Jr.

E. Nunes

J. Pescio

E. Pitts

W. Price

E. Pyzel

E. Raiford

F. Richardson

A. Robison

R. Ross

L. Sawyer

J. Sherlin

A. Simmons

R. Stark

G. Swainston

C. Swanson

L. Turner

P. Vanni

A. Vistercil

A. Welling

B. Wells

L. Filkerson

A. Tood

C. Woods

F. Toods

A. Fright

MEVADA CCOPERATIVE SMOW SURVEYS Agencies Cooperating in Collecting Data Contained in this Bulletin.

FEDIR AL

Soil Conservation Service Forest Service Geological Survey Fish and Wildlife Service Navy Bureau of Reclamation Weather Bureau

STATE

Nevada State Engineer
Nevada Agricultural Experiment Station
Nevada Agricultural Extension Service
California Division of Tater Resources
California Cooperative Snow Surveys
Oregon Cooperative Snow Surveys

MUNICIPAL

City of Ely, Nevada

PUBLIC AGENCIES

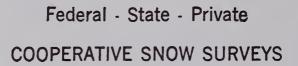
Truckee-Carson Trrigation District Washoe County Water Conservation District Walker River Brigation District Ownhee Irrigation District

RIVATE UTILITIES

Sierra Pacific Power Company Virginia City Tater Company

PRIVATE ORGANIZATIONS

Deep Springs School Kennecott Copper Corp. Union Pacific Hailroad Amalgamated Sugar Company



Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

"WATER IS THE WEST'S GREATEST RESOURCE"